METHOD, SYSTEM, AND PROGRAM FOR IMPLEMENTING

SCROLLABLE CURSORS IN A DISTRIBUTED DATABASE SYSTEM

ABSTRACT

Provided is a method, system, and program for accessing data in a distributed database

5   environment. A client program receives multiple requests for data from a database object

satisfying specified search predicates from an application program. Each request includes a

request for at least one row from the table. The client program transfers a database command

and a rowset parameter indicating a maximum number of rows to return to a server program

over a network if the requested row is not maintained by the client program. A data block is

10   generated with the server program including rows from the database object satisfying the search

predicates in response to the database command. The rows included in the data block do not

exceed the rowset parameter. The server program transfers the data block to the client

program. In turn, the client program returns at least one requested row from the received data

block in response to one request for the at least one row of data from the application program.

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